



STATE OF CONNECTICUT
Department of Information Technology
Contracts & Purchasing Division

**ABL for Radios
OCTOBER 2002**

SUPERSEDING
ABL-0017-048 -R-380 ii
May 1, 2001

ACCEPTABLE BRANDS LIST FOR RADIOS

AUTHORITY: This Acceptable Brands List is released for procurement purposes until revised or rescinded by the radio committee setting the standards for the Department of Information Technology.

SCOPE: Radios furnished under this Acceptable Brands List shall be limited to the manufacturers and its branded products listed herein.

REQUIREMENTS: Approved products listed herein may not be modified, including packaging or labeling without notification being submitted to the committee setting the standards for the Department of Information Technology. Violation of this requirement shall be deemed sufficient reason for immediate suspension of approval.

The radio committee shall accept requests for radio inclusion only once a year, in May. Applicants requesting submission of samples shall do so, in writing, no later than *45 days prior* to July 1st and should allow a minimum of sixty (60) days for testing and evaluation, once samples are received by the radio committee.

The exact time required depends on various factors, i.e. amount of time needed for bench and field testing, incomplete information and/or equipment supplied by applicant, current business and/or meeting schedules of the committee setting the standards for the Department of Information Technology.

Application for consideration of additional products for inclusion on this Acceptable Brands List must be made in writing and submitted to the radio committee setting the standards for the Department of Information Technology. Filing of a bidder's application and/or affirmative action vendor's kit will not be considered an application for inclusion on this Acceptable Brands List. The radio committee setting the standards for the Department of Information Technology will prescribe evaluation of applications. If samples are required, they shall be supplied at no cost to the State of Connecticut.

The failure of any manufacturer listed herein to respond, either directly or through authorized dealers, distributors, wholesalers, etc, to three (3) consecutive bid proposals issued by the Department of Information Technology for the item (s) contained in or referred to by this Acceptable Brands List, may be deemed sufficient reason for suspension of approval.

RADIO PREREQUISITES

Construction – Radio shall be constructed to withstand normal environmental conditions to which it will be exposed. Trunk mounting cases should adequately protect the radio from items dropped or placed on it, such as tire chains, salt/sand and/or boxes. Circuit boards should be secured so that normal vibrations (such as found in vehicles plowing snow) do not cause the board to crack, break or disconnect.

Serviceability – Parts should be accessible so that placement of failed components can easily be made. Both sides of printed circuitry should be readily accessible without the need for unsoldering multiple wiring points. Service manuals should be complete and include at least the following:

- (a) Basic theory of operation of circuitry used;
- (b) Schematic diagram showing normal voltage measurements at various circuit points;
- (c) Pathfinder diagrams which show printed circuit layouts and component locations;
- (d) Parts listed which gives manufacturers ordering numbers for each part.

Human Engineering – All operator-used switches and controls should be well marked and easily readable by the operator when mounted in the normal mounting configuration. They should be easily accessible to the operator for his use.

Physical Properties - Any new product being submitted for the Acceptable Brands List for Radios must be similar to the products currently on the Acceptable Brands List. Such items as size, physical construction, and quality of printed circuit boards and parts, will be taken into consideration when determining acceptability for inclusion on the applicable section of the list.

Any special connector and/or adapter necessary to connect the portable radio antenna jack to standard radio service test equipment such as wattmeter or Service Monitors shall be provided with the radio.

Requirements for frequency band, number of frequencies each radio is capable of, actual frequencies to be installed, power output and other options and accessories, such as tone coded squelch, will be controlled in the contract proposal for the ordering agency. All radios must have time out timers. The State will supply list of frequency to be programmed to. Vendor must submit with radio, all software, cabling and necessary equipment needed for programming. Upon request, all equipment shall be returned to vendor.

AGENCIES:

IMPORTANT When specifying Dash Mount Radios, State agencies must consider the overall dimensions particularly the “Depth” of the radio. The Advisory Committee on Standards for Radio strongly suggests matching the overall dimensions of the radio to the overall dimensions of the vehicles’ dashboard.

MANUFACTURERS' REPRESENTATIVES

EF Johnson Company
1232 22nd Street, NW, Sixth Floor
Washington, DC 20037
www.efjohnson.com

Jim Myers
(610) 891-7530

ICOM America, Inc.
335 Gorsuch Street
Folsom, PA 19033
www.icomamerican.com

Tom McCuin, DSM
610-522-8882 Phone
610-522-9054 Fax
tommccuin@icomamerica.com

Kenwood (W.A. Hendrickson Company)
P.O. Box 450
766 Country Way
N. Scituate, MA 02060

Seth Chandler
(781) 545-0652

M/A-Com, Inc.
1 Prestige Drive, Suite 201
Meriden, CT 06450
www.macom-wireless.com

Annemarie C. Stanford
Regional Manager, Sales
(203) 639-7066
stanfora@tycoelectronics.com

Midland Radio Corp. (Securicor
Wireless)
1120 Clay Street
Kansas City, MO 64116
www.midlandradio.com

Patty Kingsolver
(816) 241-8500 x 205
pattyk@birch.net

Motorola, Inc
P.O. Box 2216
Vernon, CT 06066

Dan Wanish
(860) 871-9954

Relm Wireless Corp. (BK Radio/Uniden
PRC)
7100 Technology Drive
West Melbourne, FL 32904
www.relm.com

Shari Sharp
(800) 648-0947 x 7952
ssharp@relm.com

Vertex Radio
Associated Systems
P.O. Box 5211
Manchester, NH 03108

(603) 472-2297

Agencies: The Contact List above is for ABL purposes only. Please utilize radio vendors on contract awards and/or local dealers for more information on radio and radio equipment.